DECLARATION AND POWER OF	Attorney Docket Numbe	r 55123P264
ATTORNEY FOR PATENT	First Named Inventor	Matthew Glenn Waight
APPLICATION	CO	MPLETE IF KNOWN
(37 CFR 1.63)	Application Number	
Declaration Submitted Submitted Submitted	Filing Date	
with Initial Filing (surcharge (37 CFR 1.16(e))	Art Unit	
required)	Examiner Name	

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below, next to my name.

I believe I am the original and first inventor (if only one name listed below) or an original and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

BROADBAND SIN	GLE CONVERSION TUNER INTEGRATED CIRCUITS	
	(Title of the Invention)	_
the specification of which		
is attached hereto.		
OR		
was filed on or PCT International App	as United States Application Numberlication Number	_
and was amended on	(if applicable)	

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above.

I do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application. I do not know and do not believe that the claimed invention was in public use or on sale in the United States of America more than one year prior to this application, nor do I know or believe that the invention has been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least on country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior	Forei	an A	(qq/	cat	ion(3)
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Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
			· []	∐ Yes L No
				☐ Yes ☐ No
				☐ Yes ☐ No

I hereby appoint the persons listed on Appendix A hereto (which is incorporated by reference and a part of this document) as my respective patent attorneys and patent agents, with full power of substitution and revocation; to prosecute this application and to transact all business in the U.S. Patent and Trad mark Office connected herewith.

Direct all corresponde	nce to: Customer or Bar Coo	Number le Label 08	3791	or Corre	spondence add	tress below
Name	······································					, i ,
Address			· · · · · · · · · · · · · · · · · · ·	· · · ·		
City		State		Zip Code		· <u></u>
Country		Telephone (714) 5	57-3800	Fax	(714) 557	7-3347
NAME OF SOLE OR	FIRST INVENTOR	t: ☐ A petition h	as been filed for	lhis unders	igned inver	ntor
Full Name:		Matthew (Glenn Waight		*. 	
Inv ntor's Signature	Media 6.	le [if any], Family No	me (or Surname), an	nd Suffix [if a フ/3 0/	103	
Residence Pipers	ville, Pennsylvania U	SA .	Citizenship	USA		. · . ·
A.00 200 -	(City, State, Co	• •	• • •		(Country)	
	982 East Rolling Gler		<u></u>			
<u> </u>	ipersville, Pennsylvan	118 1894 / USA				
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Full Name:		David Birkeland	
nventor's Signatur	e Whow Yang	Date	1/25/03
Residence North	th Plains, Oregon USA	Citizenship	USA
Mailing Address	(City, State, Country) 26165 NW Grist Mill Drive		(Country)
viaining Address	North Plains, Oregon 97133 USA		
NAME OF THIRD	INVENTOR: A petition has i	been filed for this und	lersigned inventor
Tull Name:		. D I D I L.	
Full Name:	(First Middle [ff any], Fami	(Paul Prestrelski ly Name (or Surname), an	d Suffix (if anyl)
Inventor's Signatur		Date	7/25/03
Residence Port	land, Oregon USA	Citizenship	USA
Total	(City, State, Country)		(Country)
Mailing Address	5528 NW Skycrest Parkway		
	Portland, Oregon 97229 USA		
NAME OF FOURT	H INVENTOR:	peen filed for this und	ersigned inventor
Full Name:	(First, Middle [if any], Famil	ly Name (or Surname), an	
Full Name: Inventor's Signature	(First, Middle [if any], Famil	ly Name (or Surname), an Date	
Full Name: Inventor's Signature	(First, Middle [if any], Famil	ly Name (or Surname), an	d Suffix [if any])
Full Name: nventor's Signature Residence	(First, Middle [if any], Famil	ly Name (or Surname), an Date	
Full Name: Inventor's Signature Residence	(First, Middle [if any], Famil	ly Name (or Surname), an Date	d Suffix [if any])
Full Name: Inventor's Signature Residence	(First, Middle [if any], Famil	ly Name (or Surname), an Date	d Suffix [if any])
Full Name: Inventor's Signature Residence Mailing Address	(First, Middle [if any], Famile (City , State, Country)	ly Name (or Surname), an Date	d Suffix [if any]) (Country)
Full Name: nventor's Signature Residence Mailing Address	(First, Middle [if any], Famile (City , State, Country)	ly Name (or Surname), an Date Citizenship	d Suffix [if any]) (Country)
Full Name: Inventor's Signature Residence Mailing Address NAME OF FIFTH II Full Name:	(First, Middle [if any], Family e (City, State, Country) NVENTOR: A petition has be (First, Middle [if any], Family	Date Citizenship Seen filed for this und Name (or Surname), and	d Suffix [if any]) (Country) ersigned inventor
Full Name: Inventor's Signature Residence Mailing Address NAME OF FIFTH II Full Name:	(First, Middle [if any], Family e (City, State, Country) NVENTOR: A petition has be (First, Middle [if any], Family	Date Citizenship Deen filed for this und	d Suffix [if any]) (Country) ersigned inventor
NAME OF FOURT Full Name: Residence Mailing Address NAME OF FIFTH II Full Name: nventor's Signature Residence	(First, Middle [if any], Family e (City, State, Country) NVENTOR: A petition has be (First, Middle [if any], Family	Date Citizenship Seen filed for this und Name (or Surname), and	d Suffix [if any]) (Country) ersigned inventor
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Appendix A

I hereby appoint with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith, BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP, a firm including: Ramin Aghevli, Reg. No. 43,462; William E. Alford, Reg. No. 37,764; Farzad E. Amini, Reg. No. 42,261; W. Thomas Babbitt, Reg. No. 39,591; Jordan M. Becker, Reg. No. 39,602; Michael A. Bernadicou, Reg. No. 35,934; Roger W. Blakely, Jr., Reg. No. 25,831; R. Alan Burnett, Reg. No. 46,149; Gregory D. Caldwell, Reg. No. 39,926; Cory G. Claassen, Reg. No. 50,296; Thomas M. Coester, Reg. No. 39,637; Mimi D. Dao, Reg. No. 45,628; Stephen M. De Klerk, Reg. No. 46,503; Daniel M. De Vos, Reg. No. 37,813; Sanjeet Dutta, Reg. No. 46,145; Tarek N. Fahmi, Reg. No. 41,402; Thomas S. Ferrill, Reg. No. 42,532; George L. Fountain, Reg. No. 36,374; Adam Furst, Reg. No. 51,710; Angelo J. Gaz, Reg. No. 45,907; Andre M. Gibbs, Reg. No. 47,593; James Y. Go, Reg. No. 40,621; Jeffery S. Heileson, Reg. No. 46,765; James A. Henry, Reg. No. 41,064; William E. Hickman, Reg. No. 46,771; Willmore F. Holbrow III, Reg. No. 41,845; Sheryl Sue Holloway, Reg. No. 37,850; George W Hoover II, Reg. No. 32,992; Eric S. Hyman, Reg. No. 30,139; Aslam A. Jaffery, Reg. No. 51,841; Walter T. Kim, Reg. No. 42,731; Eric T. King, Reg. No. 44,188; Steven Laut, Reg. No. 47,736; Suk S. Lee, Reg. No. 47,745; Gordon R. Lindeen III, Reg. No. 33,192; Jan C. Little, Reg. No. 41,181; Joseph Lutz, Reg. No. 43,765; Michael J. Mallie, Reg. No. 36,591; Andre L. Marais, Reg. No. 48,095; Raul D. Martinez, Reg. No. 46,904; Paul A. Mendonsa, Reg. No. 42,879; Jonathan S. Miller, Reg. No. 48,534; Heather M. Molleur, Reg. No. 50,432; Richard A. Nakashima, Reg. No. 42,023; Thinh V. Nguyen, Reg. No. 42,034; Robert B. O'Rourke, Reg. No. 46,972; Daniel E. Ovanezian, Reg. No. 41,236; Philip A. Pedigo, Reg. No. 52,107; Marina G. Portnova, Reg. No. 45,750; Joseph A. Pugh, Reg. No. 52,137; James H. Salter, Reg. No. 35,668; William W. Schaal, Reg. No. 39,018; James C. Scheller, Reg. No. 31,195; Saina S. Shamilov, Reg. No. 48,266; Kevin G. Shao, Reg. No. 45,095; Stanley W. Sokoloff, Reg. No. 25,128; Judith A. Szepesi, Reg. No. 39,393; Edwin H. Taylor, Reg. No. 25,129; Lisa Tom, Reg. No. 52,291; Kerry D. Tweet, Reg. No. 45,959; Mark C. Van Ness, Reg. No. 39,865; Thomas A. Van Zandt, Reg. No. 43,219; Mark R. Vatuone, Reg. No. 53,719; Lester J. Vincent, Reg. No. 31,460; John P. Ward, Reg. No. 40,216; Mark L. Watson, Reg. No. 46,322; Thomas C. Webster, Reg. No. 46,154; Chui-Kiu Teresa Wong, Reg. No. 48,042; and Norman Zafman, Reg. No. 26,250, my patent attorneys, Jon C. Reali, Reg. No. 54,391; Brent Vecchia, Reg. No. 48,011 and Lehua Wang, Reg. No. 48,023, my patent agents, with offices located at 12400 Wilshire Boulevard, 7th Floor, Los Angeles, California 90025, telephone (310) 207-3800; and James R. Thein, Reg. No. 31,710, my patent attorney with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.